MegaNAC® 8000

Dial access concentrator with fault-tolerant, multi-function architecture.

Product Data

The MegaNAC 8000 chassis is ideal for large central sites. The chassis employ a passive backplane which does not interfere with application operation. Dual, hot-swappable power supplies are incorporated in a larger capacity chassis, ensuring that mission-critical services are always sustained. Hypercom offers POS dial access software for the MegaNAC 8000 that provides high-capacity and reliable POS dial concentration.

Key Features

- Multi-protocol POS dial access support for up to 60 concurrent access lines
- Supports for up to 16 port processors
- Interconnects multiple chassis to form large networks
- Modulations up to V.92 including V.29 Hypercom FastPOS®
- Redundant, hot-swappable power supplies
- Supports RS-485 connection to Hypercom POS LAN terminals

Whether you're looking for a reliable payment terminal, innovative, value-add technology, or a complete electronic transaction management system, Hypercom can deliver. Our product portfolio ranges from basic credit authorization to full transaction transport and more. Hypercom is more than a one-stop shop for payment terminals, it's a provider of complete, end-to-end transaction solutions that expand the possibilities at the POS in ways that translate to greater profits.

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Technical Specifications:

Chassis
- 16 slots for plug-in, hot-swappable processor modules

Communications
- Bus: high-speed parallel packet bus, serial packet bus, PCM highway
- POS dial ports: Visa I/II, Apex, SDLC, HDLC, asynchronous
- Concentrator ports: Ethernet 10Base-T (10 Mbps), RS-232, V.35 (up to 2 Mbps), RS-485
- Modem: V.21 Bell 103/212A, Autodial 300/1200/2400 asynchronous and SDLC, V.22, V.22bis, V.29 Hypercom FastPOS, V.32, V.32bis; (optional) V.34, V.90
- WAN backup: V.32, V32bis; (optional) V.34, V.90

Power
- AC: 115-230 V, 3.5 A, 50/60 Hz
- Optional: 48 VDC

Protocols
- WAN: IP, Frame Relay, X.25, HDLC
- End user: TCP/IP, SNA/SDLC LU.0 & LU.2, Bisync 3270 & 3780, Burroughs Poll/Select, IP, X.25

Footprint
- 19.0 in x 13.0 in x 8.8 in/48.3 cm x 33.0 cm x 22.4 cm

Weight
- 28.4 lbs/12.9 kg

Environment
- Temperature: 0-40°C/32-104°F
- Humidity: 25% to 95%, non-condensing
- Heat dissipation: 512 BTU/hr

Certifications
- FCC Part 15, UL (USA), UCL (Canada), CB & CE

Reliability Built In

- Part of the long-lasting, world renown family of IEN products
- Built on a framework that relies on standards and industry experience
- IEN chassis can be used separately or combined to scale to any network requirement
- Utilizes a unique internal transport mechanism and encryption technology, which has the ability to transport data in its native mode, saving bandwidth and providing secure transmission for transactions.

Flexible - - Development and Growth

- Allows users to start small and expand their framework as new requirements develop
- Provides freedom to implement more cost-effective services, to continuously integrate newer application and to tailor a complete network solution that extends existing investments
- Support data and POS
- Port processors individually operate specified applications without diversion or interruption from other applications in the chassis
- Interchangeable port processors allow everything to be changed, without changing anything. New services can be added or existing ones upgraded with dedicated port processors without time-consuming network redesigns or forklift upgrades
- Allows offices to centralize or compartmentalize high traffic volumes from a combination of WANs, including Frame Relay and IP.

Powerful Network Management

- HypercomView, Hypercom's network management system, delivers all of the tools needed to keep POS networks running smoothly
- Client/Server architecture provides comprehensive activity and performance statistics, alerts and alarms, and remote downloads and upgrades
- Sets new standards in GUI-based management for detail, simplicity and speed.

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